

**Amendments to the Claims under Revised 37 C.F.R. § 1.121**

Claims 1-8 (cancelled).

Claim 9 (previously presented):      A polypeptide having an amino acid sequence as set forth in SEQ ID NO: 5 produced by a process comprising:

- (a)      culturing a host cell containing a vector comprising a nucleic acid having a nucleotide sequence:
  - (i)      as set forth in SEQ ID NO. 4;
  - (ii)     of a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No. PTA-1755; or
  - (iii)    encoding a polypeptide having an amino acid sequence as set forth in SEQ ID NO. 5;under conditions suitable to express the polypeptide; and optionally
- (b)      isolating the polypeptide from the culture.

Claims 10-12 (cancelled).

Claim 13 (previously presented):      An isolated polypeptide comprising an amino acid sequence:

- (a)      as set forth in SEQ ID NO: 5; or
- (b)      encoded by a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No. PTA-1755.

Claim 14 (previously presented):      An isolated polypeptide comprising:

- (a)      an amino acid sequence as set forth in SEQ ID NO: 6, optionally further comprising an amino-terminal methionine; or
- (b)      a fragment of the amino acid sequence set forth in SEQ ID NO: 5 comprising at least about 25 amino acid residues, but not more than 80 amino acid residues, wherein upon

injection into an animal the fragment produces an antibody that binds to the polypeptide set forth in SEQ ID NO: 5.

Claim 15 (cancelled).

Claim 16 (previously presented): An isolated polypeptide encoded by a nucleic acid molecule comprising a nucleotide sequence:

- (a) as set forth in SEQ ID NO: 4;
  - (b) of a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No. PTA-1755;
- or
- (c) encoding a polypeptide having an amino acid sequence as set forth in SEQ ID NO: 5.

Claim 17-45 (cancelled).

Claim 46 (currently amended): A fusion polypeptide comprising the polypeptide of ~~any of~~ either Claim[[s]] 13[[,]] or 14, or 15 fused to a heterologous amino acid sequence.

Claim 47 (original): The fusion polypeptide of Claim 46, wherein the heterologous amino acid sequence is an IgG constant domain or fragment thereof.

Claims 48-56 (cancelled).

Claim 57 (previously presented): A polypeptide produced by a process comprising

- (a) culturing a host cell containing a vector comprising a nucleic acid molecule having a nucleotide sequence of a region of the nucleotide sequence of:
  - (i) SEQ ID NO: 4; or
  - (ii) a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No. PTA-1755;

wherein the nucleic acid molecule encodes the polypeptide which is produced, the polypeptide is a fragment of the amino acid sequence set forth in SEQ ID NO: 5 of at least about 25 amino acid residues, but not more than 80 amino acid residues, and wherein the polypeptide fragment upon injection into an animal produces an antibody that binds to the polypeptide set forth in SEQ ID NO: 5;

under suitable conditions to express the polypeptide; and optionally

(b) isolating the polypeptide from the culture.

Claim 58 (cancelled).

Claim 59 (currently amended): The polypeptide of ~~any of either~~ Claim[[s]] 9[[,]] ~~or 57, or 58~~, wherein the host cell is a eukaryotic cell.

Claim 60 (currently amended): The polypeptide of ~~any of either~~ Claim[[s]] 9[[,]] ~~or 57, or 58~~, wherein the host cell is a prokaryotic cell.

Claim 61 (previously presented): An isolated polypeptide encoded by a nucleic acid molecule comprising a nucleotide sequence of a region of the nucleotide sequence of:

(a) SEQ ID NO: 4; or

(b) a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No. PTA-1755;

wherein the nucleic acid molecule encodes a polypeptide fragment of at least about 25 amino acid residues, but not more than 80 amino acid residues, and wherein upon injection into an animal the polypeptide fragment produces an antibody that binds to the polypeptide set forth in SEQ ID NO: 5.

Claim 62 (cancelled).